

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**PATENT**

**Docket No. : 37110/RJP/B600**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **CABLE MODEM SYSTEM WITH SAMPLE AND PACKET SYNCHRONIZATION**, the specification of which is attached hereto unless the following is checked:

  x   was filed on February 10, 2000 as United States Application Number 09/501,892 or PCT International Application Number      and was amended on      (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
---------------------------	----------------	-------------------------------------	-------------------------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
---------------------------	--------------------

60/119,872	February 12, 1999
60/136,684	May 28, 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>Application Number</u>	<u>Filing Date</u>	<u>Patented/Pending/Abandoned</u>
---------------------------	--------------------	-----------------------------------

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**


**POWER OF ATTORNEY:** I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from \_ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

R. W. Johnston	(17,968)	Wesley W. Monroe	(39,778)	Patrick Y. Ikehara	(42,681)
D. Bruce Prout	(20,958)	John W. Eldredge	(37,613)	Mark Garscia	(31,953)
Hayden A. Carney	(22,653)	Gregory S. Lampert	(35,581)	Gary J. Nelson	(44,257)
Richard J. Ward, Jr.	(24,187)	Grant T. Langton	(39,739)	Raymond R. Tabandeh	(43,945)
Russell R. Palmer, Jr.	(22,994)	Constantine Marantidis	(39,759)	Phuong-Quan Hoang	(41,839)
LeRoy T. Rahn	(20,356)	Marilyn R. Khorsandi	(P-45,744)	Kathy Mojibi	(41,409)
Richard D. Seibel	(22,134)	Daniel R. Kimbell	(34,849)	Cynthia A. Bonner	(44,548)
Walter G. Maxwell	(25,355)	Craig A. Gelfound	(41,032)	Jun-Young E. Jeon	(43,693)
William P. Christie	(29,371)	Syed A. Hasan	(41,057)	Marc A. Karish	(44,816)
David A. Dillard	(30,831)	Kathleen M. Olster	(42,052)	John F. O'Rourke	(38,985)
Thomas J. Daly	(32,213)	Daniel M. Cavanagh	(41,661)	Richard J. Paciulan	(28,248)
Vincent G. Gioia	(19,959)	Molly A. Holman	(40,022)	Josephine E. Chang	(P-46,083)
Edward R. Schwartz	(31,135)	Lucinda G. Auciello	(42,270)	Albert J. Harnois, Jr.	(P-46,123)
John D. Carpenter	(34,183)	Norman E. Carte	(30,455)	Steven E. Johnson	(P-45,916)
David A. Plumley	(37,208)	Joel A. Kauth	(41,886)	Frank L. Cire	(42,419)

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO :** Richard J. Paciulan, 626/795-9900  
**SEND CORRESPONDENCE TO :** CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor Theodore F. Rabenko	Inventor's signature 	Date 6/26/2002
Residence and Post Office Address 145 Witheridge Drive, Duluth, Georgia 30097		Citizenship U.S.A.

Full name of second joint inventor James C. H. Thi	Inventor's signature	Date
Residence and Post Office Address 25 Whistling Swan, Irvine, California 92604		Citizenship U.S.A.

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

**POWER OF ATTORNEY:** I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from \_ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

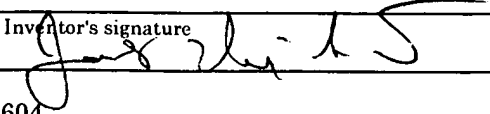
R. W. Johnston	(17,968)	Wesley W. Monroe	(39,778)	Patrick Y. Ikehara	(42,681)
D. Bruce Prout	(20,958)	John W. Eldredge	(37,613)	Mark Garscia	(31,953)
Hayden A. Carney	(22,653)	Gregory S. Lampert	(35,581)	Gary J. Nelson	(44,257)
Richard J. Ward, Jr.	(24,187)	Grant T. Langton	(39,739)	Raymond R. Tabandeh	(43,945)
Russell R. Palmer, Jr.	(22,994)	Constantine Marantidis	(39,759)	Phuong-Quan Hoang	(41,839)
LeRoy T. Rahn	(20,356)	Marilyn R. Khorsandi	(P-45,744)	Kathy Mojibi	(41,409)
Richard D. Seibel	(22,134)	Daniel R. Kimbell	(34,849)	Cynthia A. Bonner	(44,548)
Walter G. Maxwell	(25,355)	Craig A. Gelfound	(41,032)	Jun-Young E. Jeon	(43,693)
William P. Christie	(29,371)	Syed A. Hasan	(41,057)	Marc A. Karish	(44,816)
David A. Dillard	(30,831)	Kathleen M. Olster	(42,052)	John F. O'Rourke	(38,985)
Thomas J. Daly	(32,213)	Daniel M. Cavanagh	(41,661)	Richard J. Paciulan	(28,248)
Vincent G. Gioia	(19,959)	Molly A. Holman	(40,022)	Josephine E. Chang	(P-46,083)
Edward R. Schwartz	(31,135)	Lucinda G. Auciello	(42,270)	Albert J. Harnois, Jr.	(P-46,123)
John D. Carpenter	(34,133)	Norman E. Carte	(30,455)	Steven E. Johnson	(P-45,916)
David A. Plumley	(37,208)	Joel A. Kauth	(41,886)	Frank L. Cire	(42,419)

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO :** Richard J. Paciulan, 626/795-9900  
**SEND CORRESPONDENCE TO :** CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

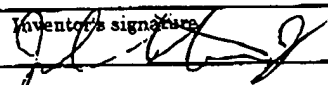
I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

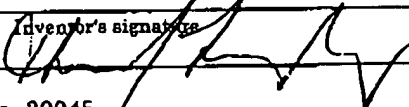
Full name of first joint inventor <b>Theodore F. Rabenko</b>	Inventor's signature	Date
Residence and Post Office Address <b>145 Witheridge Drive, Duluth, Georgia 30097</b>		Citizenship <b>U.S.A.</b>


Full name of second joint inventor <b>James C. H. Thi</b>	Inventor's signature 	Date <b>8/18/2000</b>
Residence and Post Office Address <b>25 Whistling Swan, Irvine, California 92604</b>		Citizenship <b>U.S.A.</b>

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

Full name of third joint inventor <b>John D. Horton Jr.</b>	Inventor's signature 	Date <b>6/26/00</b>
Residence and Post Office Address <b>11590 Windbrooke Way, Alpharetta, Georgia 30005</b>		Citizenship <b>U.S.A.</b>

Full name of fourth joint inventor <b>Thomas J. QUIGLEY</b>	Inventor's signature 	Date <b>062200</b>
Residence and Post Office Address <b>331 Sarah Lane, Lawrenceville, Georgia 30046</b>		Citizenship <b>USA</b>

Full name of fifth joint inventor <b>Lisa V. DENNEY</b>	Inventor's signature 	Date <b>062600</b>
Residence and Post Office Address <b>86 Grandwater Drive, Suwanee, Georgia 30024</b>		Citizenship <b>USA</b>

Full name of sixth joint inventor <b>Jonathan S. MIN</b>	Inventor's signature	Date
Residence and Post Office Address <b>6602 Notre Dame Drive, Buena Park, California 90620</b>		Citizenship <b>USA</b>

Full name of seventh joint inventor <b>Christopher R. JONES</b>	Inventor's signature	Date
Residence and Post Office Address <b>4902 Neptune Avenue, Newport Beach, California 92663</b>		Citizenship <b>USA</b>

Full name of eighth joint inventor <b>Henry SAMUELI</b>	Inventor's signature	Date
Residence and Post Office Address <b>30926 Steeplechase, San Juan Capistrano, California 92675</b>		Citizenship <b>USA</b>

Full name of ninth joint inventor <b>Fang LU</b>	Inventor's signature	Date
Residence and Post Office Address <b>25 Arbusto, Irvine, California 92606</b>		Citizenship <b>Taiwan R.O.C.</b>

Full name of tenth joint inventor <b>Feng CHEN</b>	Inventor's signature	Date
Residence and Post Office Address <b>112 Remington, Irvine, California 92620</b>		Citizenship <b>P.R.C.</b>

Full name of eleventh joint inventor <b>Sean F. NAZARETH</b>	Inventor's signature	Date
Residence and Post Office Address <b>860 S. Lee Marie Circle, Anaheim Hills, California 92808</b>		Citizenship <b>USA</b>

27 PAS222489.1 - 6/8/00 4:53 PM

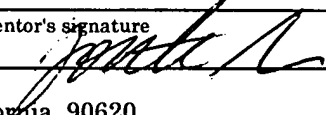
**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

Full name of third joint inventor <b>John D. Horton Jr.</b>	Inventor's signature	Date
Residence and Post Office Address <b>11590 Windbrooke Way, Alpharetta, Georgia 30005</b>		Citizenship <b>U.S.A.</b>

Full name of fourth joint inventor <b>Thomas J. QUIGLEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>331 Sarah Lane, Lawrenceville, Georgia 30045</b>		Citizenship <b>USA</b>

Full name of fifth joint inventor <b>Lisa V. DENNEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>1496 Willow Bend, Woodstock, Georgia 30188</b>		Citizenship <b>USA</b>

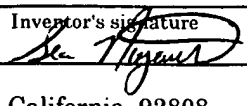
Full name of sixth joint inventor <b>Jonathan S. MIN</b>	Inventor's signature 	Date <b>8/18/00</b>
Residence and Post Office Address <b>6602 Notre Dame Drive, Buena Park, California 90620</b>		Citizenship <b>USA</b>

Full name of seventh joint inventor <b>Christopher R. JONES</b>	Inventor's signature	Date
Residence and Post Office Address <b>4902 Neptune Avenue, Newport Beach, California 92663</b>		Citizenship <b>USA</b>

Full name of eighth joint inventor <b>Henry SAMUELI</b>	Inventor's signature	Date
Residence and Post Office Address <b>30926 Steeplechase, San Juan Capistrano, California 92675</b>		Citizenship <b>USA</b>

Full name of ninth joint inventor <b>Fang LU</b>	Inventor's signature	Date
Residence and Post Office Address <b>25 Arbusto, Irvine, California 92606</b>		Citizenship <b>Taiwan R.O.C.</b>

Full name of tenth joint inventor <b>Feng CHEN</b>	Inventor's signature	Date
Residence and Post Office Address <b>112 Remington, Irvine, California 92620</b>		Citizenship <b>P.R.C.</b>

Full name of eleventh joint inventor <b>Sean F. NAZARETH</b>	Inventor's signature 	Date <b>8/24/00</b>
Residence and Post Office Address <b>860 S. Lee Marie Circle, Anaheim Hills, California 92808</b>		Citizenship <b>USA</b>

EJ PAS232489.1-\* 8/12/00 11:39 AM

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

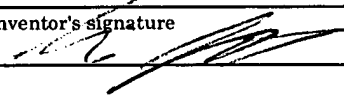
**Docket No. 37110/RJP/B600**

Full name of third joint inventor <b>John D. Horton Jr.</b>	Inventor's signature	Date
Residence and Post Office Address <b>11590 Windbrooke Way, Alpharetta, Georgia 30005</b>		Citizenship <b>U.S.A.</b>

Full name of fourth joint inventor <b>Thomas J. QUIGLEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>331 Sarah Lane, Lawrenceville, Georgia 30045</b>		Citizenship <b>USA</b>

Full name of fifth joint inventor <b>Lisa V. DENNEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>1496 Willow Bend, Woodstock, Georgia 30188</b>		Citizenship <b>USA</b>

Full name of sixth joint inventor <b>Jonathan S. MIN</b>	Inventor's signature	Date
Residence and Post Office Address <b>6602 Notre Dame Drive, Buena Park, California 90620</b>		Citizenship <b>USA</b>

Full name of seventh joint inventor <b>Christopher R. JONES</b>	Inventor's signature 	Date <b>9/8/00</b>
Residence and Post Office Address <b>4902 Neptune Avenue, Newport Beach, California 92663</b>		Citizenship <b>USA</b>

Full name of eighth joint inventor <b>Henry SAMUELI</b>	Inventor's signature	Date
Residence and Post Office Address <b>30926 Steeplechase, San Juan Capistrano, California 92675</b>		Citizenship <b>USA</b>

Full name of ninth joint inventor <b>Fang LU</b>	Inventor's signature	Date
Residence and Post Office Address <b>25 Arbusto, Irvine, California 92606</b>		Citizenship <b>Taiwan R.O.C.</b>

Full name of tenth joint inventor <b>Feng CHEN</b>	Inventor's signature	Date
Residence and Post Office Address <b>112 Remington, Irvine, California 92620</b>		Citizenship <b>P.R.C.</b>

Full name of eleventh joint inventor <b>Sean F. NAZARETH</b>	Inventor's signature	Date
Residence and Post Office Address <b>860 S. Lee Marie Circle, Anaheim Hills, California 92808</b>		Citizenship <b>USA</b>

EJ PAS232489.1\*-8/12/00 11:39 AM

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

Full name of third joint inventor John D. Horton Jr.	Inventor's signature	Date
Residence and Post Office Address 11590 Windbrooke Way, Alpharetta, Georgia 30005		Citizenship U.S.A.

Full name of fourth joint inventor Thomas J. QUIGLEY	Inventor's signature	Date
Residence and Post Office Address 331 Sarah Lane, Lawrenceville, Georgia 30045		Citizenship USA

Full name of fifth joint inventor Lisa V. DENNEY	Inventor's signature	Date
Residence and Post Office Address 1496 Willow Bend, Woodstock, Georgia 30188		Citizenship USA

Full name of sixth joint inventor Jonathan S. MIN	Inventor's signature	Date
Residence and Post Office Address 6602 Notre Dame Drive, Buena Park, California 90620		Citizenship USA

Full name of seventh joint inventor Christopher R. JONES	Inventor's signature	Date
Residence and Post Office Address 4902 Neptune Avenue, Newport Beach, California 92663		Citizenship USA

Full name of eighth joint inventor Henry SAMUELI	Inventor's signature <i>Henry Samuele</i>	Date 8-30-00
Residence and Post Office Address <del>98026 Steeplechase, San Juan Capistrano, California 92675</del> 4615 Brighton Road, Corona Del Mar 92625		Citizenship USA

Full name of ninth joint inventor Fang LU	Inventor's signature	Date
Residence and Post Office Address 25 Arbusto, Irvine, California 92606		Citizenship Taiwan R.O.C.

Full name of tenth joint inventor Feng CHEN	Inventor's signature	Date
Residence and Post Office Address 112 Remington, Irvine, California 92620		Citizenship P.R.C.

Full name of eleventh joint inventor Sean F. NAZARETH	Inventor's signature	Date
Residence and Post Office Address 860 S. Lee Marie Circle, Anaheim Hills, California 92808		Citizenship USA

EJ PAS232489.1.\*-8/12/00 11:39 AM

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

Full name of third joint inventor John D. Horton Jr.	Inventor's signature	Date
Residence and Post Office Address 11590 Windbrooke Way, Alpharetta, Georgia 30005		Citizenship U.S.A.

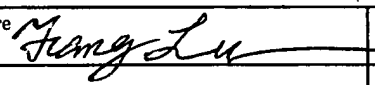
Full name of fourth joint inventor Thomas J. QUIGLEY	Inventor's signature	Date
Residence and Post Office Address 331 Sarah Lane, Lawrenceville, Georgia 30045		Citizenship USA

Full name of fifth joint inventor Lisa V. DENNEY	Inventor's signature	Date
Residence and Post Office Address 1496 Willow Bend, Woodstock, Georgia 30188		Citizenship USA

Full name of sixth joint inventor Jonathan S. MIN	Inventor's signature	Date
Residence and Post Office Address 6602 Notre Dame Drive, Buena Park, California 90620		Citizenship USA

Full name of seventh joint inventor Christopher R. JONES	Inventor's signature	Date
Residence and Post Office Address 4902 Neptune Avenue, Newport Beach, California 92663		Citizenship USA

Full name of eighth joint inventor Henry SAMUELI	Inventor's signature	Date
Residence and Post Office Address 30926 Steeplechase, San Juan Capistrano, California 92675		Citizenship USA

Full name of ninth joint inventor Fang LU	Inventor's signature 	Date 8-25-00
Residence and Post Office Address 25 Arbusto, Irvine, California 92606		Citizenship Taiwan R.O.C.

Full name of tenth joint inventor Feng CHEN	Inventor's signature	Date
Residence and Post Office Address 112 Remington, Irvine, California 92620		Citizenship P.R.C.

Full name of eleventh joint inventor Sean F. NAZARETH	Inventor's signature	Date
Residence and Post Office Address 860 S. Lee Marie Circle, Anaheim Hills, California 92808		Citizenship USA

EJ PAS232489.1\*-8/12/00 11:39 AM



**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 37110/RJP/B600**

Full name of third joint inventor <b>John D. Horton Jr.</b>	Inventor's signature	Date
Residence and Post Office Address <b>11590 Windbrooke Way, Alpharetta, Georgia 30005</b>		Citizenship <b>U.S.A.</b>

Full name of fourth joint inventor <b>Thomas J. QUIGLEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>331 Sarah Lane, Lawrenceville, Georgia 30045</b>		Citizenship <b>USA</b>

Full name of fifth joint inventor <b>Lisa V. DENNEY</b>	Inventor's signature	Date
Residence and Post Office Address <b>1496 Willow Bend, Woodstock, Georgia 30188</b>		Citizenship <b>USA</b>

Full name of sixth joint inventor <b>Jonathan S. MIN</b>	Inventor's signature	Date
Residence and Post Office Address <b>6602 Notre Dame Drive, Buena Park, California 90620</b>		Citizenship <b>USA</b>

Full name of seventh joint inventor <b>Christopher R. JONES</b>	Inventor's signature	Date
Residence and Post Office Address <b>4902 Neptune Avenue, Newport Beach, California 92663</b>		Citizenship <b>USA</b>

Full name of eighth joint inventor <b>Henry SAMUELI</b>	Inventor's signature	Date
Residence and Post Office Address <b>30926 Steeplechase, San Juan Capistrano, California 92675</b>		Citizenship <b>USA</b>

Full name of ninth joint inventor <b>Fang LU</b>	Inventor's signature	Date
Residence and Post Office Address <b>25 Arbusto, Irvine, California 92606</b>		Citizenship <b>Taiwan R.O.C.</b>

Full name of tenth joint inventor <b>Feng CHEN</b>	Inventor's signature <i>Chen Feng</i>	Date <b>9/5/00</b>
Residence and Post Office Address <b>112 Remington, Irvine, California 92620</b>		Citizenship <b>P.R.C.</b>

Full name of eleventh joint inventor <b>Sean F. NAZARETH</b>	Inventor's signature	Date
Residence and Post Office Address <b>860 S. Lee Marie Circle, Anaheim Hills, California 92808</b>		Citizenship <b>USA</b>

EJ PAS232489.1\*-8/12/00 11:39 AM